

ASUS TUF GAMING X670E-PLUS WIFI AMD X670 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1BK0-M0EAY0

Product name : TUF GAMING X670E-PLUS WIFI

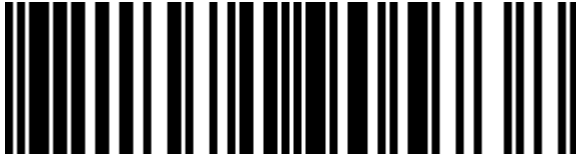
TUF GAMING X670E-PLUS WIFI Mainboard Socket AMD AM5 (Ryzen 7000, ATX, PCIe 5.0, DDR5-Speicher, 4x M.2, WiFi 6E, USB 3.2 Gen 2x2 Typ-C, Aura Sync)

ASUS TUF GAMING X670E-PLUS WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E...



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Microphone in	✓
Processor socket *	Socket AM5	S/PDIF out port	✗
Compatible processor series *	AMD Ryzen 7000 Series	Network	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory slots type	DIMM	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Bluetooth	✓
ECC compatibility	ECC & Non-ECC	Bluetooth version	5.2
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7600,7800,8000 MHz	Features	
Supported memory clock speed (max)	6400 MHz	Motherboard chipset *	AMD X670
Maximum internal memory *	192 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	Black
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	AMD
RAID support	✓	Power source type	ATX
RAID levels	0, 1, 10	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x4 slots	1
On-board graphics card	✗	PCI Express x16 (Gen 4.x) slots	1
Maximum resolution	7680 x 4320 pixels	PCI Express x16 (Gen 5.x) slots	1
Internal I/O		Number of M.2 (M) slots	4
USB 2.0 connectors *	3	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS memory size	256 Mbit
Number of SATA III connectors *	4		
Front panel audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		Packaging data	
Number of chassis fan connectors	4	Package width	338 mm
Peripheral (Molex) power connectors (4-pin)	1	Package depth	273 mm
EPS power connector (8-pin)	✓	Package height	68 mm
Number of COM connectors	1	Package weight	2.55 kg
Thunderbolt headers	1	Weight & dimensions	
12V power connector	✓	Width	305 mm
RGB LED pin header	✓	Depth	244 mm
Rear panel I/O ports		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Cables included	SATA
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	User guide	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Drivers included	✓
USB 3.2 Gen 2x2 Type-C ports quantity	1	Other features	
Ethernet LAN (RJ-45) ports *	1	TUF PROTECTION - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards - LANGuard - Overvoltage Protection - Safeslot Core+ - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) - Q-Slot ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - Clear CMOS header - ProCool - Pre-mounted I/O shield - SafeSlot - SafeDIMM AURA Sync - AURA RGB header - Addressable Gen 2 headers TUF PROTECTION - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards - LANGuard - Overvoltage Protection - Safeslot - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) - Q-Slot ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - Clear CMOS header - ProCool - Pre-mounted I/O shield - SafeSlot - SafeDIMM AURA Sync - AURA RGB header - Addressable Gen 2 headers	
HDMI ports quantity *	1		
HDMI version	2.1	Special features	
DisplayPorts quantity	1		
Headphone outputs	1		
Line-in	✓	Packaging content	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x ASUS Wi-Fi moving antenna 2 x Rubber packages for M.2 2 x Screw packages for M.2 SSD Documentation 1 x TUF certification card 1 x User guide



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